



**STATE OF TENNESSEE
DEPARTMENT OF HEALTH
ENVIRONMENTAL LABORATORIES**

TDH: Lab Services JRL
Lab Services - Jackson Regional Lab
Jackson, TN 38301
731-426-0686

TDH: Lab Services KRL
Lab Services - Knoxville Regional Lab
Knoxville, TN 37920
865-549-5201

TDH: Lab Services NCL
Lab Services - Nashville Central Lab
Nashville, TN 37243
615-262-6300

Sent To: Greg Denton
TDEC-WPC
6th Floor, L & C Tower Annex
401 Church Street
Nashville, TN 37243-1534


Michael Atchley
TDEC-WPC
Knoxville FO
3711 Middlebrook Pike
Knoxville, TN 37921

Lab ID: K00002133
Knoxville Regional Laboratory

Sampling Agency: TDEC: Division of Water Pollution Control

Billing Code: 327.34-20

This is to certify that the following results were determined using
good laboratory practices and in accordance with federal or state
approved methodologies.


Analytical Supervisor

Lab-Sample Number: K00002133001
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 12.1 Lou Mee bridge
Sampler Project Name: TVA Ash Spill
Project Site No.: 1
Station No.: EMORY012.1RO
Date/Time Collected: 01/27/2009 09:40
Sampler's Name: Johnathon Burr
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations

pH: 7.88 pH Units
Chlorine, residual:
Conductivity: 52 uMHO
Temperature: 5.7
Dissolved Oxygen: 13.68 mg/L
Other:
Flow: CFS

TEST: Alkalinity, Total		METHOD: EPA 310.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	12	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium		METHOD: SM 3500-Ca D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	23	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable		METHOD: SM 2540F				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended		METHOD: SM 2540D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	U	mg/L	10	10	A Peebles	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

U - Undetected

Lab-Sample Number: K00002133002
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 2.1
Sampler Project Name: TVA Ash Spill
Project Site No.: 2
Station No.: EMORY002.1RO
Date/Time Collected: 01/27/2009 09:45
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations

pH: 7.80 pH Units
Chlorine, residual:
Conductivity: 48 uMHO
Temperature: 3.53
Dissolved Oxygen: 13.24 mg/L
Other:
Flow: CFS

TEST: Alkalinity, Total		METHOD: EPA 310.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	15	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium		METHOD: SM 3500-Ca D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	22	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable		METHOD: SM 2540F				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended		METHOD: SM 2540D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	18	mg/L	10	10	A Peebles	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

U - Undetected

Lab-Sample Number: K00002133003
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 1.7
Sampler Project Name: TVA Ash Spill
Project Site No.: 3
Station No.: EMORY001.7RO
Date/Time Collected: 01/27/2009 10:08
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.92 pH Units
Chlorine, residual:
Conductivity: 203 uMHO
Temperature: 6.94
Dissolved Oxygen: 11.29 mg/L
Other:
Flow: CFS

TEST: Alkalinity, Total		METHOD: EPA 310.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	120	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium		METHOD: SM 3500-Ca D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	97	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable		METHOD: SM 2540F				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended		METHOD: SM 2540D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	U	mg/L	10	10	A Peebles	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

U - Undetected

Lab-Sample Number: K00002133004
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 1.7 duplicate
Sampler Project Name: TVA Ash Spill
Project Site No.: 3
Station No.: EMORY001.7RO-FD
Date/Time Collected: 01/27/2009 10:15
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.92 pH Units
Chlorine, residual:
Conductivity: 203 uMHO
Temperature: 6.94
Dissolved Oxygen: 11.29 mg/L
Other:
Flow: CFS

TEST: Alkalinity, Total		METHOD: EPA 310.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	110	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium		METHOD: SM 3500-Ca D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	90	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable		METHOD: SM 2540F				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended		METHOD: SM 2540D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	U	mg/L	10	10	A Peebles	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

U - Undetected

Lab-Sample Number: K00002133005
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 1.7 field blank
Sampler Project Name: TVA Ash Spill
Project Site No.: 3
Station No.: EMORY001.7RO-FB
Date/Time Collected: 01/27/2009 10:20
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations

pH:
Chlorine, residual:
Conductivity:
Temperature:
Dissolved Oxygen:
Other:
Flow: CFS

TEST: Alkalinity, Total		METHOD: EPA 310.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	U	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium		METHOD: SM 3500-Ca D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	U	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable		METHOD: SM 2540F				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended		METHOD: SM 2540D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	U	mg/L	10	10	A Peebles	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

U - Undetected

Lab-Sample Number: K00002133006
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 0.1
Sampler Project Name: TVA Ash Spill
Project Site No.: 4
Station No.: EMORY000.1RO
Date/Time Collected: 01/27/2009 10:30
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.95 pH Units
Chlorine, residual:
Conductivity: 203 uMHO
Temperature: 6.98
Dissolved Oxygen: 11.27 mg/L
Other:
Flow: CFS

TEST: Alkalinity, Total		METHOD: EPA 310.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	110	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium		METHOD: SM 3500-Ca D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	92	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable		METHOD: SM 2540F				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended		METHOD: SM 2540D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	24	mg/L	10	10	A Peebles	1/30/2009

J - Estimated value between MDL and MQL
MDL - Method Detection Limit
MQL - Method Quantitation Limit
U - Undetected

Lab-Sample Number: K00002133007
Project Name: TVA-Ash Spill
Sample Description: Clinch River mile 2.3 near Hwy 70 Bridge
Sampler Project Name: TVA Ash Spill
Project Site No.: 5
Station No.: CLINC002.3RO
Date/Time Collected: 01/27/2009 10:45
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.87 pH Units
Chlorine, residual:
Conductivity: 181 uMHO
Temperature: 7.74
Dissolved Oxygen: 11.58 mg/L
Other:
Flow: CFS

TEST: Alkalinity, Total		METHOD: EPA 310.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	100	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium		METHOD: SM 3500-Ca D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	90	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable		METHOD: SM 2540F				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended		METHOD: SM 2540D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	U	mg/L	10	10	A Peebles	1/30/2009

J - Estimated value between MDL and MQL
MDL - Method Detection Limit
MQL - Method Quantitation Limit
U - Undetected

Lab-Sample Number:	K00002133008	Field Determinations	
Project Name:	TVA-Ash Spill	pH:	7.96 pH Units
Sample Description:	Clinch River mile 4.5 near Sugar Grove Valley F	Chlorine, residual:	
Sampler Project Name:	TVA Ash Spill	Conductivity:	204 uMHO
Project Site No.:	6	Temperature:	7.13
Station No.:	CLINC004.5RO	Dissolved Oxygen:	11.28 mg/L
Date/Time Collected:	01/27/2009 11:00	Other:	
Sampler's Name:	Larry Everett	Flow:	CFS
County:	ROANE - 73		
Sample Matrix:	Water		
EFO:	Knoxville		
Sampling Agency:	TDEC-WPC		
Billing Code:	327.34-20		
Send Report To:	TDEC-WPC		
Agency Invoiced:	TDEC-WPC		
Priority Date:			
Date/Time Received:	01/27/2009 13:45		
Received By:	Ken Hitchman		

TEST: Alkalinity, Total		METHOD: EPA 310.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	120	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium		METHOD: SM 3500-Ca D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	88	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable		METHOD: SM 2540F				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended		METHOD: SM 2540D				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	U	mg/L	10	10	A Peebles	1/30/2009

J - Estimated value between MDL and MQL
MDL - Method Detection Limit
MQL - Method Quantitation Limit
U - Undetected



**STATE OF TENNESSEE
DEPARTMENT OF HEALTH
ENVIRONMENTAL LABORATORIES**

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Knoxville, TN 37920
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TDH: Lab Services NCL
Lab Services - Nashville Central Lab
Nashville, TN 37243
615-262-6300

Sent To: Greg Denton
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6th Floor, L & C Tower Annex
401 Church Street
Nashville, TN 37243-1534

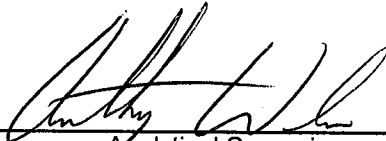
Michael Atchley
TDEC-WPC
Knoxville FO
3711 Middlebrook Pike
Knoxville, TN 37921

Lab ID: K00002133
Knoxville Regional Laboratory

Sampling Agency: TDEC: Division of Water Pollution Control

Billing Code: 327.34-20

This is to certify that the following results were determined using
good laboratory practices and in accordance with federal or state
approved methodologies.


Analytical Supervisor

Lab-Sample Number: K00002133001
Project Name: TVA-Ash Spill
Sample Description: 12.1 Lou Mee bridge
Sampler Project Name: TVA Ash Spill
Project Site No.: 1
Station No.: EMORY012.1RO
Date/Time Collected: 01/27/2009 09:40
Sampler's Name: Johnathon Burr
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.88 pH Units
Chlorine, residual:
Conductivity: 52 uMHO
Temperature: 5.7
Dissolved Oxygen: 13.68 mg/L
Other:
Flow: CFS

TEST: Digestion Metals			METHOD: EPA 200.2			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009

TEST: ICP			METHOD: EPA 200.7			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	100	µg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS			METHOD: EPA 200.8			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	56	µg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	U	µg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	µg/L	0.93	5	M Pattanayek	1/28/2009
Barium	24	µg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	µg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	µg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	µg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.28J	µg/L	0.04	1	M Pattanayek	1/28/2009
Copper	0.94J	µg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.12J	µg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	35	µg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	1.3	µg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	µg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	µg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.18J	µg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	U	µg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	15	µg/L	1.9	5	M Pattanayek	1/28/2009

Lab-Sample Number: K00002133001
Project Name: TVA-Ash Spill
Sample Description: 12.1 Lou Mee bridge
Sampler Project Name: TVA Ash Spill
Project Site No.: 1
Station No.: EMORY012.1RO
Date/Time Collected: 01/27/2009 09:40
Sampler's Name: Johnathon Burr
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.88 pH Units
Chlorine, residual:
Conductivity: 52 uMHO
Temperature: 5.7
Dissolved Oxygen: 13.68 mg/L
Other:
Flow: CFS

TEST: Mercury		METHOD: EPA 245.1					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE	
Mercury	U	µg/L	0.13	0.2	A Wilson	1/29/2009	

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

U - Undetected

Lab-Sample Number: K00002133002
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 2.1
Sampler Project Name: TVA Ash Spill
Project Site No.: 2
Station No.: EMORY002.1RO
Date/Time Collected: 01/27/2009 09:45
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.80 pH Units
Chlorine, residual:
Conductivity: 48 uMHO
Temperature: 3.53
Dissolved Oxygen: 13.24 mg/L
Other:
Flow: CFS

TEST: Digestion Metals		METHOD: EPA 200.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009

TEST: ICP		METHOD: EPA 200.7				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	430	µg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS		METHOD: EPA 200.8				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	600	µg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	U	µg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	4.4J	µg/L	0.93	5	M Pattanayek	1/28/2009
Barium	37	µg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	µg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	µg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	µg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.62J	µg/L	0.04	1	M Pattanayek	1/28/2009
Copper	1.9	µg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.94J	µg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	61	µg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	1.8	µg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	µg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	µg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.18J	µg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	U	µg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	5.0	µg/L	1.9	5	M Pattanayek	1/28/2009

Lab-Sample Number: K00002133002
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 2.1
Sampler Project Name: TVA Ash Spill
Project Site No.: 2
Station No.: EMORY002.1RO
Date/Time Collected: 01/27/2009 09:45
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.80 pH Units
Chlorine, residual:
Conductivity: 48 uMHO
Temperature: 3.53
Dissolved Oxygen: 13.24 mg/L
Other:
Flow: CFS

TEST: Mercury		METHOD: EPA 245.1				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Mercury	U	µg/L	0.13	0.2	A Wilson	1/29/2009

J - Estimated value between MDL and MQL
MDL - Method Detection Limit
MQL - Method Quantitation Limit
U - Undetected

Lab-Sample Number: K00002133003
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 1.7
Sampler Project Name: TVA Ash Spill
Project Site No.: 3
Station No.: EMORY001.7RO
Date/Time Collected: 01/27/2009 10:08
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.92 pH Units
Chlorine, residual:
Conductivity: 203 uMHO
Temperature: 6.94
Dissolved Oxygen: 11.29 mg/L
Other:
Flow: CFS

TEST: Digestion Metals			METHOD: EPA 200.2			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009

TEST: ICP			METHOD: EPA 200.7			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	220	µg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS			METHOD: EPA 200.8			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	170	µg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	U	µg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	µg/L	0.93	5	M Pattanayek	1/28/2009
Barium	37	µg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	µg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	µg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	µg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.21J	µg/L	0.04	1	M Pattanayek	1/28/2009
Copper	2.3	µg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.44J	µg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	28	µg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	1.0	µg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	µg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	µg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.10J	µg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	U	µg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	3.8J	µg/L	1.9	5	M Pattanayek	1/28/2009

Lab-Sample Number: K00002133003
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 1.7
Sampler Project Name: TVA Ash Spill
Project Site No.: 3
Station No.: EMORY001.7RO
Date/Time Collected: 01/27/2009 10:08
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations

pH: 7.92 pH Units
Chlorine, residual:
Conductivity: 203 uMHO
Temperature: 6.94
Dissolved Oxygen: 11.29 mg/L
Other:
Flow: CFS

TEST: Mercury		METHOD: EPA 245.1				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Mercury	U	µg/L	0.13	0.2	A Wilson	1/29/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

U - Undetected

Lab-Sample Number: K00002133004
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 1.7 duplicate
Sampler Project Name: TVA Ash Spill
Project Site No.: 3
Station No.: EMORY001.7RO-FD
Date/Time Collected: 01/27/2009 10:15
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.92 pH Units
Chlorine, residual:
Conductivity: 203 uMHO
Temperature: 6.94
Dissolved Oxygen: 11.29 mg/L
Other:
Flow: CFS

TEST: Digestion Metals			METHOD: EPA 200.2			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009

TEST: ICP			METHOD: EPA 200.7			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	330	µg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS			METHOD: EPA 200.8			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	300	µg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	U	µg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	µg/L	0.93	5	M Pattanayek	1/28/2009
Barium	40	µg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	µg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	µg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	µg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.30J	µg/L	0.04	1	M Pattanayek	1/28/2009
Copper	2.3	µg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.51J	µg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	31	µg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	1.2	µg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	µg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	µg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.09J	µg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	U	µg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	4.0J	µg/L	1.9	5	M Pattanayek	1/28/2009

Lab-Sample Number: K00002133004
Project Name: TVA-Ash Spill
Sample Description: Emory River mile 1.7 duplicate
Sampler Project Name: TVA Ash Spill
Project Site No.: 3
Station No.: EMORY001.7RO-FD
Date/Time Collected: 01/27/2009 10:15
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.92 pH Units
Chlorine, residual:
Conductivity: 203 uMHO
Temperature: 6.94
Dissolved Oxygen: 11.29 mg/L
Other:
Flow: CFS

TEST: Mercury		METHOD: EPA 245.1				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Mercury	U	µg/L	0.13	0.2	A Wilson	1/29/2009

J - Estimated value between MDL and MQL
MDL - Method Detection Limit
MQL - Method Quantitation Limit
U - Undetected

Lab-Sample Number: K00002133005
Project Name: TVA-Ash Spill
Sample Description: Emory river mile 1.7 field blank
Sampler Project Name: TVA Ash Spill
Project Site No.: 3
Station No.: EMORY001.7RO-FB
Date/Time Collected: 01/27/2009 10:20
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations

pH:
Chlorine, residual:
Conductivity:
Temperature:
Dissolved Oxygen:
Other:
Flow: CFS

TEST: Digestion Metals		METHOD: EPA 200.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009

TEST: ICP		METHOD: EPA 200.7				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	U	µg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS		METHOD: EPA 200.8				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	U	µg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	U	µg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	µg/L	0.93	5	M Pattanayek	1/28/2009
Barium	U	µg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	µg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	µg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	µg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	U	µg/L	0.04	1	M Pattanayek	1/28/2009
Copper	0.45J	µg/L	0.38	1	M Pattanayek	1/28/2009
Lead	U	µg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	U	µg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	U	µg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	µg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	µg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.04J	µg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	7.0	µg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	U	µg/L	1.9	5	M Pattanayek	1/28/2009

Lab-Sample Number: K00002133005
Project Name: TVA-Ash Spill
Sample Description: Emory river mile 1.7 field blank
Sampler Project Name: TVA Ash Spill
Project Site No.: 3
Station No.: EMORY001.7RO-FB
Date/Time Collected: 01/27/2009 10:20
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations

pH:
Chlorine, residual:
Conductivity:
Temperature:
Dissolved Oxygen:
Other:
Flow: CFS

TEST: Mercury		METHOD: EPA 245.1				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Mercury	U	µg/L	0.13	0.2	A Wilson	1/29/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

U - Undetected

Lab-Sample Number: K00002133006
Project Name: TVA-Ash Spill
Sample Description: Emory river mile 0.1
Sampler Project Name: TVA Ash Spill
Project Site No.: 4
Station No.: EMORY000.1RO
Date/Time Collected: 01/27/2009 10:30
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.95 pH Units
Chlorine, residual:
Conductivity: 203 uMHO
Temperature: 6.98
Dissolved Oxygen: 11.27 mg/L
Other:
Flow: CFS

TEST: Digestion Metals		METHOD: EPA 200.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009

TEST: ICP		METHOD: EPA 200.7				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	230	µg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS		METHOD: EPA 200.8				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	130	µg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	U	µg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	µg/L	0.93	5	M Pattanayek	1/28/2009
Barium	36	µg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	µg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	µg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	µg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.18J	µg/L	0.04	1	M Pattanayek	1/28/2009
Copper	1.3	µg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.31J	µg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	30	µg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	0.96J	µg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	µg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	µg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.05J	µg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	4.8J	µg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	2.0J	µg/L	1.9	5	M Pattanayek	1/28/2009

Lab-Sample Number: K00002133006
Project Name: TVA-Ash Spill
Sample Description: Emory river mile 0.1
Sampler Project Name: TVA Ash Spill
Project Site No.: 4
Station No.: EMORY000.1RO
Date/Time Collected: 01/27/2009 10:30
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.95 pH Units
Chlorine, residual:
Conductivity: 203 uMHO
Temperature: 6.98
Dissolved Oxygen: 11.27 mg/L
Other:
Flow: CFS

TEST: Mercury		METHOD: EPA 245.1				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Mercury	U	µg/L	0.13	0.2	A Wilson	1/29/2009

J - Estimated value between MDL and MQL
MDL - Method Detection Limit
MQL - Method Quantitation Limit
U - Undetected

Lab-Sample Number: K00002133007
Project Name: TVA-Ash Spill
Sample Description: Clinch River mile 2.3 near Hwy 70 Bridge
Sampler Project Name: TVA Ash Spill
Project Site No.: 5
Station No.: CLINC002.3RO
Date/Time Collected: 01/27/2009 10:45
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.87 pH Units
Chlorine, residual:
Conductivity: 181 uMHO
Temperature: 7.74
Dissolved Oxygen: 11.58 mg/L
Other:
Flow: CFS

TEST: Digestion Metals		METHOD: EPA 200.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009

TEST: ICP		METHOD: EPA 200.7				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	190	µg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS		METHOD: EPA 200.8				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	130	µg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	U	µg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	µg/L	0.93	5	M Pattanayek	1/28/2009
Barium	36	µg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	µg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	µg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	µg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.21J	µg/L	0.04	1	M Pattanayek	1/28/2009
Copper	1.8	µg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.31J	µg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	32	µg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	1.1	µg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	µg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	µg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.05J	µg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	7.9	µg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	2.8J	µg/L	1.9	5	M Pattanayek	1/28/2009

Lab-Sample Number: K00002133007
Project Name: TVA-Ash Spill
Sample Description: Clinch River mile 2.3 near Hwy 70 Bridge
Sampler Project Name: TVA Ash Spill
Project Site No.: 5
Station No.: CLINC002.3RO
Date/Time Collected: 01/27/2009 10:45
Sampler's Name: Larry Everett
County: ROANE - 73
Sample Matrix: Water
EFO: Knoxville
Sampling Agency: TDEC-WPC
Billing Code: 327.34-20
Send Report To: TDEC-WPC
Agency Invoiced: TDEC-WPC
Priority Date:
Date/Time Received: 01/27/2009 13:45
Received By: Ken Hitchman

Field Determinations
pH: 7.87 pH Units
Chlorine, residual:
Conductivity: 181 uMHO
Temperature: 7.74
Dissolved Oxygen: 11.58 mg/L
Other:
Flow: CFS

TEST: Mercury		METHOD: EPA 245.1				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Mercury	U	µg/L	0.13	0.2	A Wilson	1/29/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

U - Undetected

Lab-Sample Number:	K00002133008	Field Determinations	
Project Name:	TVA-Ash Spill	pH:	7.96 pH Units
Sample Description:	Clinch River mile 4.5 near Sugar Grove Valley r	Chlorine, residual:	
Sampler Project Name:	TVA Ash Spill	Conductivity:	204 uMHO
Project Site No.:	6	Temperature:	7.13
Station No.:	CLINC004.5RO	Dissolved Oxygen:	11.28 mg/L
Date/Time Collected:	01/27/2009 11:00	Other:	
Sampler's Name:	Larry Everett	Flow:	CFS
County:	ROANE - 73		
Sample Matrix:	Water		
EFO:	Knoxville		
Sampling Agency:	TDEC-WPC		
Billing Code:	327.34-20		
Send Report To:	TDEC-WPC		
Agency Invoiced:	TDEC-WPC		
Priority Date:			
Date/Time Received:	01/27/2009 13:45		
Received By:	Ken Hitchman		

TEST: Digestion Metals		METHOD: EPA 200.2				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009

TEST: ICP		METHOD: EPA 200.7				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	150	µg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS		METHOD: EPA 200.8				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	100	µg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	2.1	µg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	µg/L	0.93	5	M Pattanayek	1/28/2009
Barium	35	µg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	µg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	µg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	µg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.17J	µg/L	0.04	1	M Pattanayek	1/28/2009
Copper	1.1	µg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.25J	µg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	34	µg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	0.92J	µg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	µg/L	1.3	5	M Pattanayek	1/28/2009
Silver	0.03J	µg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.18J	µg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	U	µg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	U	µg/L	1.9	5	M Pattanayek	1/28/2009

Lab-Sample Number:	K00002133008	Field Determinations	
Project Name:	TVA-Ash Spill	pH:	7.96 pH Units
Sample Description:	Clinch River mile 4.5 near Sugar Grove Valley rd	Chlorine, residual:	
Sampler Project Name:	TVA Ash Spill	Conductivity:	204 uMHO
Project Site No.:	6	Temperature:	7.13
Station No.:	CLINC004.5RO	Dissolved Oxygen:	11.28 mg/L
Date/Time Collected:	01/27/2009 11:00	Other:	
Sampler's Name:	Larry Everett	Flow:	CFS
County:	ROANE - 73		
Sample Matrix:	Water		
EFO:	Knoxville		
Sampling Agency:	TDEC-WPC		
Billing Code:	327.34-20		
Send Report To:	TDEC-WPC		
Agency Invoiced:	TDEC-WPC		
Priority Date:			
Date/Time Received:	01/27/2009 13:45		
Received By:	Ken Hitchman		

TEST: Mercury		METHOD: EPA 245.1				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Mercury	U	µg/L	0.13	0.2	A Wilson	1/29/2009

J - Estimated value between MDL and MQL
MDL - Method Detection Limit
MQL - Method Quantitation Limit
U - Undetected